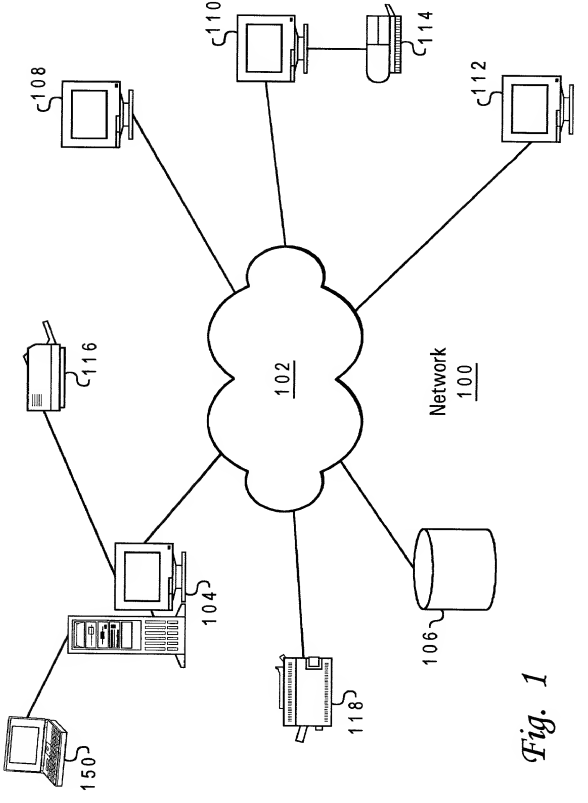


Fig. 1

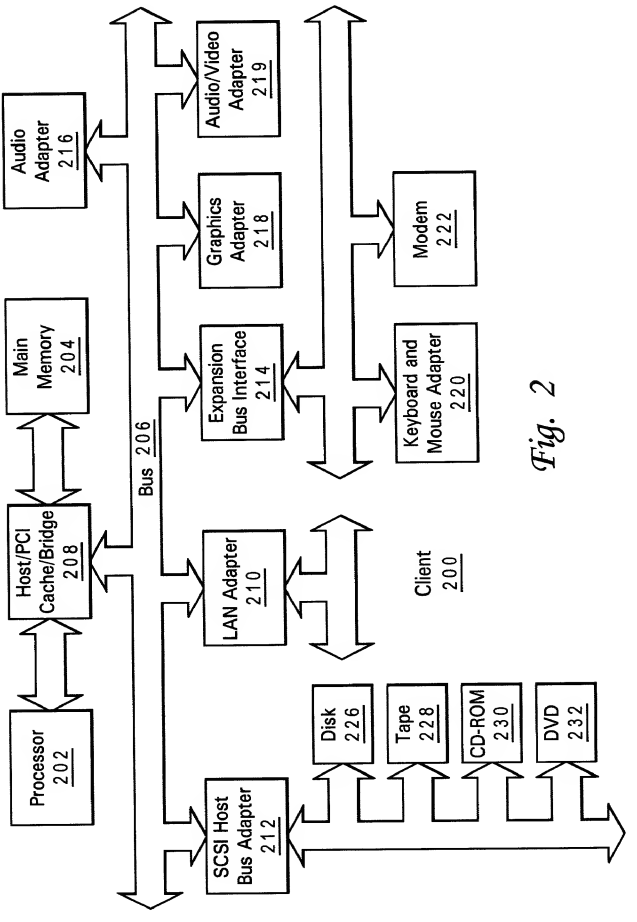

Processor 202
Host/PCI Cache/Bridge 208
Main Memory 204
Audio Adapter 216
Audio/Video Adapter 219
Graphics Adapter 218
Expansion Bus Interface 214
Modem 222
Keyboard and Mouse Adapter 220
Bus 206
LAN Adapter 210
Client 200
SCSI Host Bus Adapter 212
Disk 226
Tape 228
CD-ROM 230
DVD 232

Fig. 2

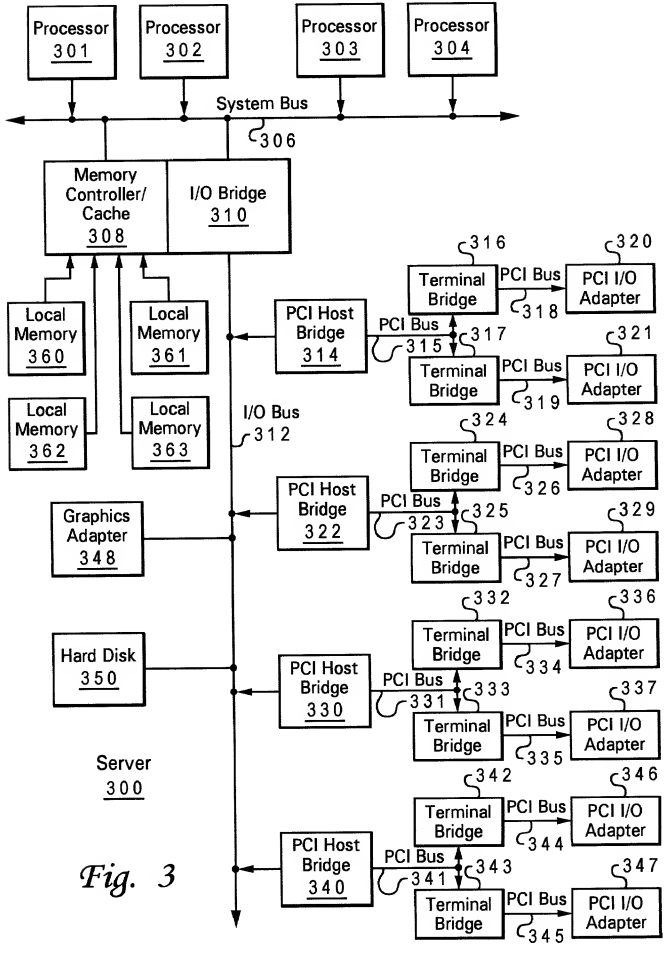


Fig. 3

09/66764-052401

Fig. 4

T0h250"4g99460

IOA 1	I/O bus DMA address 1-4
IOA 2	I/O bus DMA address 5-8
IOA 3	I/O bus DMA address 9-12

I/O Bus DMA Address Range Table
500

Fig. 5A

OS 1	IOA 1 IOA 3 Mem 1-20
OS 2	IOA 2 Mem 21-40

Allocation Table
520

Fig. 5B

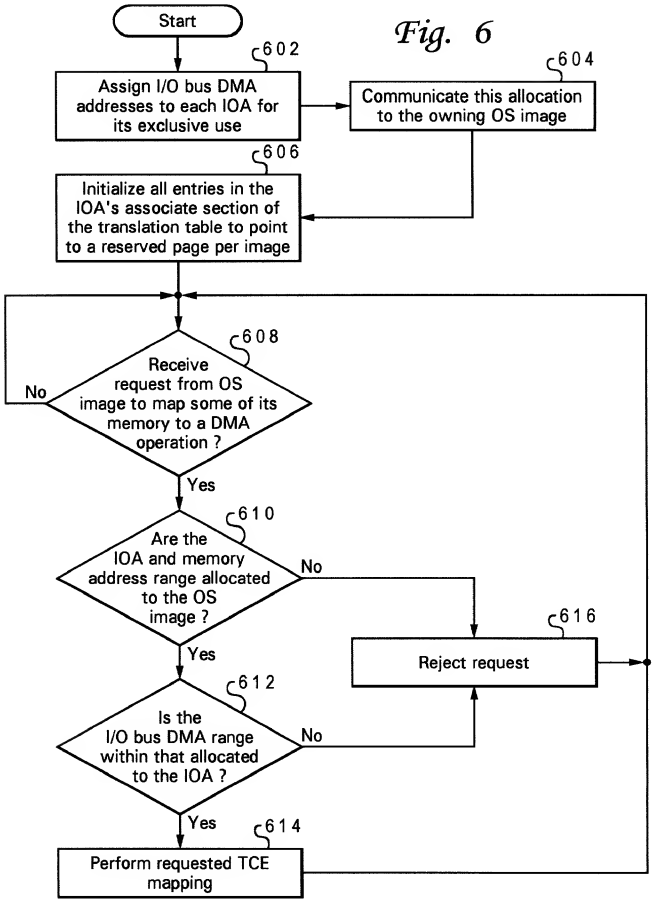
Mem 5-8	I/O bus DMA addresses 1-4
Mem 11-13	I/O bus DMA addresses 9-11
Mem 25-26	I/O bus DMA addresses 5-6

TCE Table
550

Fig. 5C

09766764-052401

Fig. 6



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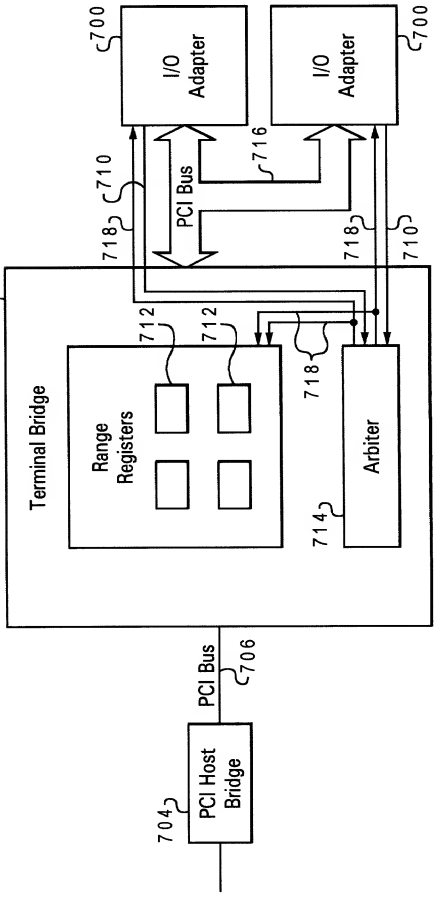
700
I/O Adapter
700
I/O Adapter
710
716
PCI Bus
718
718
710
702
712
712
718
Terminal Bridge
Range Registers
Arbiter
714
PCI Bus
706
PCI Host Bridge
704

Fig. 7